

List of Current Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 5 (Cancelled)

6. (New) A pressure measuring unit, comprising:
 - a metal housing; and
 - a ceramic pressure sensor held in said metal housing, wherein:
 - the surfaces of said metal housing which come in contact with a medium, whose pressure is to be measured, during measurement, are provided with a coating of one enamel and a glassy material.
7. (New) The pressure measuring unit as claimed in claim 6, wherein:
 - said housing is a flange to be secured at a measuring location;
 - said ceramic pressure sensor is installed in said flange; and
 - surfaces of said flange which come in contact with the medium are provided with said coating.
8. (New) The pressure measuring unit as claimed in claim 6, wherein:
 - said housing has a process connection, and
 - surfaces of said process connection which come in contact with the medium at a measurement location are provided with said coating.
9. (New) The pressure measuring unit as claimed in claim 7, wherein:
 - the pressure sensor is a differential pressure measuring cell;
 - said housing has two side flanges, between which said ceramic pressure sensor is clamped; and
 - surfaces of said side flanges which come in contact with the medium at the measurement location are provided with said coating.

10. (New) The pressure measuring unit as claimed in claim 6, wherein:
said housing comprises steel or stainless steel.